A vintage advertisement illustration of a scuba diver in a coral reef. The diver, a man with a smiling face visible through his mask, is wearing a red swimsuit and a green scuba tank. He is positioned diagonally across the frame, with his legs extended upwards and his arms reaching out. The background is a lush underwater scene with various coral reefs, sea anemones, and several fish, including pink ones at the top and striped ones at the bottom. The overall style is reminiscent of mid-20th-century magazine illustrations.

Discover an amazing
new world of adventure
with the
Scott Hydro-Pak!

The data and specifications in this document
must not be relied upon in any way.



ome along

for a thrilling undersea adventure!

A swim beneath the surface of the water is like a journey to an entirely different planet. Your first dive will amaze you. While you will be awed at the wonderful world under the sea, you will quickly adapt to being a man-fish or mermaid—and with surprising ease.

Here in this crystal clear, underwater world with the liquid atmosphere, you have no weight. You can glide from hill-top to hill-top or drift effortlessly over deep canyons. You can flit up the side of a cliff with a few kicks of your swim fins. And you need not go deep. Most of the interesting undersea life and beauty lies within fifty feet of the surface.

There are trees, bushes and grass as on land. But they are strange with their weird forms and leafless branches waving in the airless breezes of an undersea current.

The little fishes everywhere remind you of insects, butterflies and birds on earth. Occasionally you will see a frightened lobster scurrying away along the bottom, like a rabbit seeking cover.

The silence and complete lack of human inhabitants in this expansive, exotically beautiful land give you the feeling that you have rediscovered the lost garden of Eden from which man was banished so long ago.

If you want to try it, come along with us. We'll take an imaginary trip to the shore of the ocean or lake near you, so you can see for yourself why underwater swimming is America's fastest growing sport.

Here's what your first dive with the wonderful new Scott HYDRO-PAK will be like.

Experienced divers use it to go to depths of 200 feet, but let's assume we're amateurs. We'll stay above 50 feet where most of the swimming is done because this is where the most interesting and abundant sea life is found.



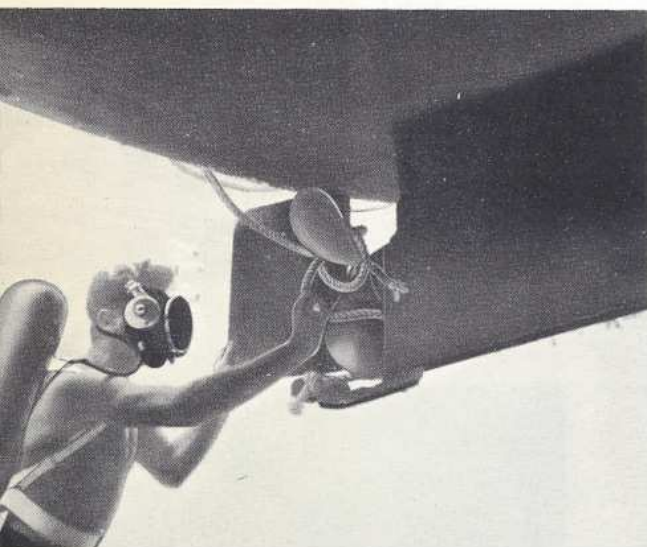


It takes only a minute to don the HYDRO-PAK. Just slip into the comfortable harness as if you were putting on a vest. Before you actually submerge, the exclusive "Air-Economizer" on the right-hand side of the face mask permits you to breathe the surrounding air while you are waiting, thus saving your HYDRO-PAK air supply for underwater swimming.

Now, entering the water, you turn off your "Air-Economizer" and duck under the surface. If you forget to turn it off, it will bubble as a reminder to do so—but no water will enter your mask.

In shallow water you are amazed as you pull up your legs and sit on the bottom, because you are breathing as easily and naturally as you did on the beach a moment ago. In clear water you can see over a hundred feet in any direction. Everything is as distinct as looking into a glass aquarium because the "picture window" face-mask affords perfect vision, as clear and sharp as on dry land.

Swimming effortlessly, you're surprised at how light the HYDRO-PAK is underwater. On the beach it felt like a comfortable knapsack on your shoulders—now it's weightless. It gets even lighter as the air inside is used for breathing. As a matter of fact, as the air tank empties, a gentle, buoyant lift assists you in returning to the surface at the end of your underwater swim.



Your swimming partner watches while you try the usual exploratory movements of a beginner trying his new-found "fins and gills." You roll and glide, swim in loops and circles. You have an exhilarating sense of freedom.

Your partner motions you to follow him as you had previously planned. You communicate at long range by hand signs. Face to face, you can communicate easily while wearing the HYDRO-PAK mask.



If you wish to go deeper, you swim just under the surface until you find the spot for your dive. The nearer you are to the surface, the less air you use.

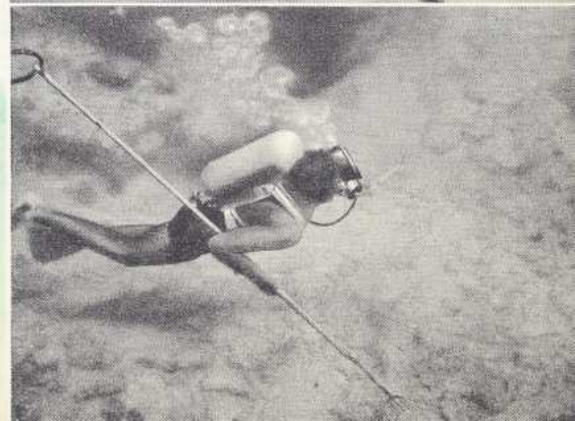
What you will see under the surface depends on where you swim. If you are in California, you will see fantastically beautiful fish and seaplant formations. You will see abalone growing on the rocks beneath you. In waters off the Florida Keys, you will see vari-colored sponges and coral of all sizes and shapes. In Maine, there would be choice jumbo lobsters to bring back to the shore for a delicious seaside feast.

Perhaps you have planned to explore an old wreck and take pictures fifty feet down. You are perfectly comfortable because the HYDRO-PAK automatically adjusts for pressure changes. An occasional mild earache or pressure sensation is quickly eliminated by swallowing or a snorting exhalation through the nose. Experienced divers are amazed at the lack of ear or sinus discomfort when using the Hydro-Pak.

If you have brought equipment for fishing, you'll have to proceed quietly. It seems that the "monsters of the deep" haven't read the popular fiction accounts of how they should behave toward human underwater swimmers. You actually have to be careful that you don't frighten away the "monsters" before you even see them.

Your big concern with spearfishing is learning how to stalk and shoot the fish. Any sudden movement can scare them all away. And that applies to all kinds—small and large. If you proceed slowly and easily, the fish will ignore you and permit you to swim quite close to them.

If you are swimming near a resort area, you'll be surprised at the objects you'll find on the bottom. There'll be everything from out-board motors and anchors to fishing tackle and field glasses. Retrieving them is an easy way to finance the cost of a new HYDRO-PAK. So is a business of clearing





fouled propellers and making minor underwater repairs on power boats.

You look at the simple depth meter on your wrist and it tells you that you are cruising through the undersea gardens at a depth of thirty feet just as easily as if you were only under the surface.

Time is forgotten. Have you been down fifteen minutes or an hour? There is no cause for worry. The guardian automatic HYDRO-PAK gives you plenty of notice for a leisurely return to the upper world, long before your air supply is exhausted.

As you glide along, you notice that your breathing has just become a trifle labored—you have to take a deeper breath or "drag" to fill your lungs. This is a feature deliberately built into your Scott HYDRO-PAK. It tells you that it's time to switch to your reserve air supply. Your foolproof air reserve knob turns "ON" only one way and a distinct "click" is felt. Now breathing is effortless again and you know that you have $\frac{1}{4}$ tank of air left for your return to the surface.

Back on shore you'll try to describe to your friends the exciting thrills of your experience. You'll find words inadequate to express your enthusiasm. Your sea-diver friends will smile with understanding because they too have tried to tell their friends. They know that a trip to the wonderful world beneath the surface is a new experience that's fascinating beyond description.



YOUR WARRANTY

The guarantee that accompanies every Hydro-Pak is the same for all Scott breathing equipment. For over 20 years a leader in its field, Scott has produced breathing apparatus by the hundreds of thousands for industry, aviation and fire fighting.

Scott has manufactured over a quarter of a million portable demand breathing units for the U. S. Air Force—more than any other company in the world!

The Hydro-Pak is the result of this experience plus years of research. You can use it with the assurance that you are using the best!



Scott
HYDRO-PAK

World's finest self-

1 Full, natural rubber, face mask with 5½ inch safety glass lens. The exceptional mask design permits a perfect, waterproof seal. Six-tab head harness permits easy, positive adjustment. Entire mask unit can be removed in an instant.

2 All metal regulator parts are of stainless steel for the ultimate in corrosion protection. Regulator is designed for easy disassembly without tools for cleaning and inspection.

Frequent rinsing in clear, fresh water will add to the life and efficiency of your Hydro-Pak. The regulator should be opened and rinsed after *each* use in salt water. This exclusive feature *always* assures you of perfect regulator operation under most severe conditions.

The famous Scott Demand Regulator. With the same basic mechanical principles used on hundreds of thousands of Air Force breathing units. Its position on the mask affords unusually easy, natural breathing in any position. Each inhalation provides all the air "demanded" by wearer.

5 Air Economizer for conserving air supply. Permits breathing of surrounding atmospheric air while swimmer's head is out of water. Positive shutoff—cannot be accidentally opened.

4 Water ejector button for eliminating water from mask. Water may occasionally seep into mask when it is hastily or carelessly donned. To remove water, just press button and lift edge of mask near chin—jet of air bubbles out edge of mask, taking excess water with it.

3 Exhalation regulator coupled with demand regulator permits finely balanced breathing cycle with minimum expiration resistance. Located on opposite side of mask to provide ideal pressure ratio with regulator. Exhaled air bubbles do not interfere with vision. No constant flow regardless of swimmer's position.



contained underwater breathing equipment

6 Belt and harness of fine quality webbing. Fine cotton material for tested-best resistance to seawater. Super strong "W" stitching for maximum strength. Adjusts to all size persons with or without rubber suits. Quick release on left shoulder.

7 Neoprene rubber hose, tested to $2\frac{1}{2}$ times operating pressure. This short, tough, small diameter hose minimizes possibility of damaged air line. Closely follows contours of diver's body to avoid catching or snagging.

8 Air Cylinder contains over 50 cubic feet of compressed AIR—not oxygen. I.C.C. Approved for 1980 pounds per square inch. Tested to 3000 pounds per square inch. Duration: Up to 1 hour, depending on depth and amount of exertion.

9 Cylinder clamp. Positive yet quick releasing. Permits cylinder change in 60 seconds. Cannot be accidentally bumped loose.

10 Back plate of anodized aluminum. Formed for comfortable weight distribution of the unit above or below water. Allows full body and arm movement. Eliminates cylinder rolling. Unit can be worn with cylinder valves at top or bottom as desired. Simply invert cylinder in back plate.

11 Reserve air supply valve. Flow restricting device tells swimmer when $\frac{1}{4}$ th of full tank remains in reserve for return to surface. Foolproof, turns on only one way.

12 Pressure reducing regulator. Reduces cylinder pressure for delivery to demand regulator at approximately 100 pounds per square inch.

13 I.C.C. Approved Safety device. High pressure protection against extremely high temperatures.

14 Over pressure relief valve. Another Scott extra which prevents the possibility of excess pressure in the demand regulator.

15 All metal parts are either stainless steel or receive maximum protection against corrosion by extra heavy plating or painting treatments.

ACCESSORIES

(available at extra cost)

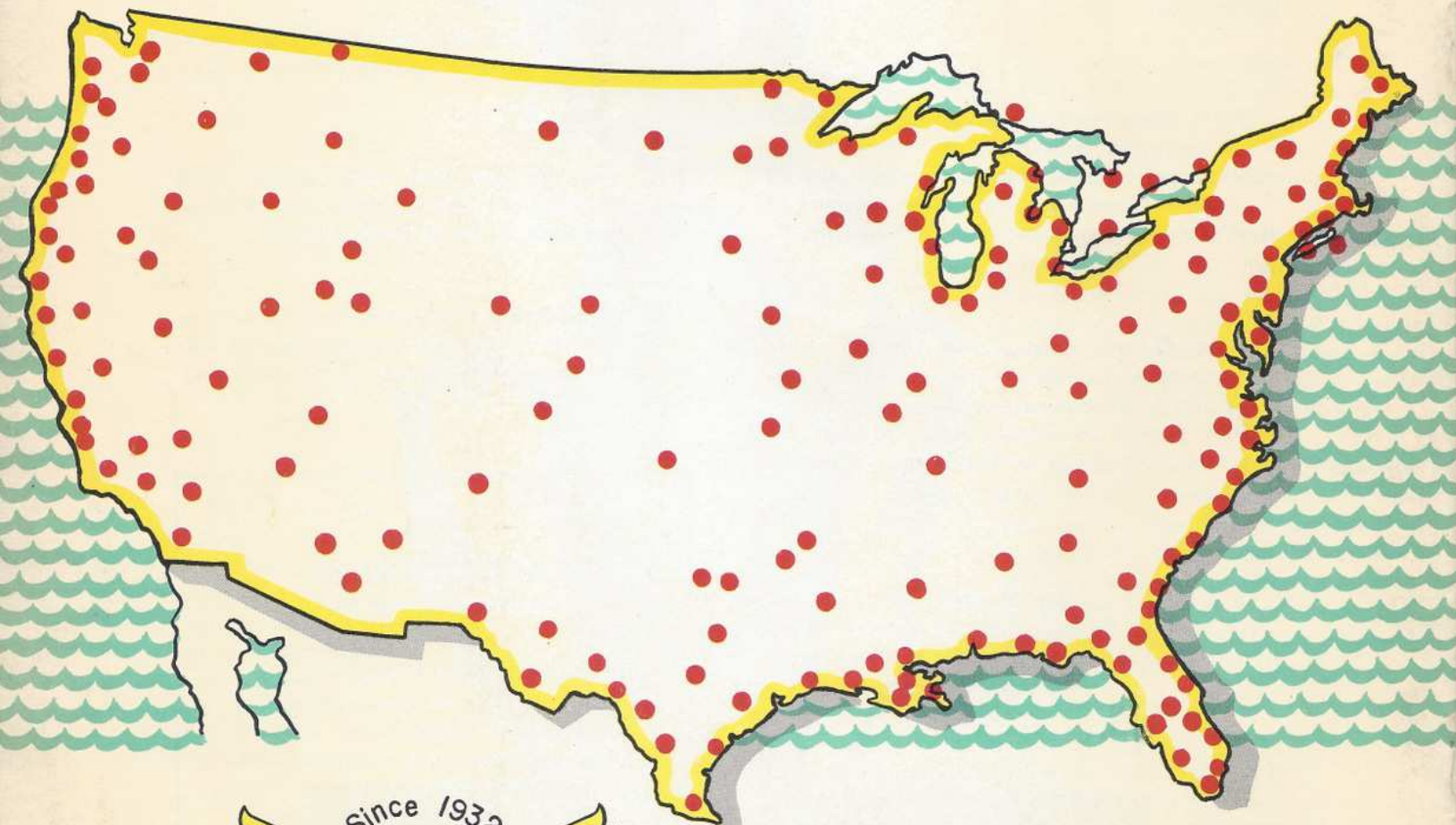
By-Pass Assembly. Provides continuous flow of air to mask, by-passing the regulator mechanism. For use by expert divers under extreme conditions, or for special purposes.

Charging Hose. Five feet of double wire reinforced construction for high pressure service. Enables you to have your Hydro-Pak refilled anywhere.

Pressure Gage. Accurate brass gage with glass lens and Hydro-Pak fittings.

only **Scott** AVIATION

provides nationwide sales and
service facilities!



There are over 175 Scott air-cylinder recharging stations in the United States and Canada alone.

No matter where you go, you are never far from Hydro-Pak sales and service facilities or an air-cylinder refilling station where you can have air tanks refilled at reasonable prices.

SCOTT AVIATION CORP.

8300 Erie Street

Lancaster, New York

Editor: Brian D. Szafranski

Elma, New York USA - July 21, 2016